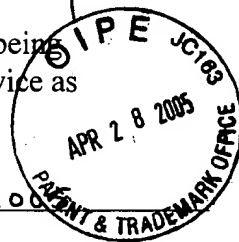


09/593 629

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313 on April 26, 2005



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Cofe

REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 CFR 1.322
Docket No. USF-T127
Patent No. 6,790,441

Glenn P. Ladwig
Glenn P. Ladwig, Patent Attorney

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Don F. Cameron, Paul R. Sanberg, Samuel Saporta, Joelle J. Hushen
Issued : September 14, 2004
Patent No. : 6,790,441
For : Sertoli Cells as Biochambers

ATTN: CERTIFICATE OF CORRECTIONS BRANCH
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR CERTIFICATE OF CORRECTION
UNDER 37 CFR 1.322 (OFFICE MISTAKE) AND
UNDER 37 CFR 1.323 (APPLICANT'S MISTAKE)

Sir:

A Certificate of Correction (in duplicate) for the above-identified patent has been prepared and is attached hereto.

In the left-hand column below is the column and line number where errors occurred in the patent. In the right-hand column is the page and line number in the application where the correct information appears.

05/02/2005 TBESHAH1 00000031 190065 6790441

01 FC:1811 100.00 DA

Patent Reads:

Abstract (57), Line 6:
"facilitator celes"

Column 1, Line 9:
"inventions"

Column 1, Line 18:
"prefened"

Column 1, Line 19:
"the. administration"

Column 1, Line 25:
"neurodegenetative"

Column 1, Line 27:
"Lindvall et al,"

Column 1, Line 28:
"Freeman et al,"

Column 1, Line 33:
"Wictorin et al,"

Column 1, Line 38:
"Sanberg et, al 1994"

Column 1, Line 38:
"viable"

Column 1, Line 39:
"include"

Column 1, Line 61:
"immunosupfession"

Column 2, Line 2:
"(MHC) In the"

Application Reads:

Page 28, Line 4:
--facilitator cells--

Page 1, Line 11:
--invention--

Page 1, Line 20:
--preferred--

Page 1, Line 21:
--the administration--

Page 1, Line 28:
--neurodegenerative--

Page 1, Line 29:
--Lindvall et al.,--

Page 1, Line 30:
--Freeman et al.,--

Page 2, Line 4:
--Wictorin et al.,--

Page 2, Line 9:
--Sanberg et al., 1994--

Page 2, Line 9:
--viable--

Page 2, Line 9:
--include--

Page 2, Line 27:
--immunosuppression--

Page 3, Line 6:
--(MHC) in the--

Column 2, Line 5:
"diabeiiic"

Page 3, Line 9:
--diabetic--

Column 2, Line 6:
"MHC-incompatibie"

Page 3, Line 9:
--MHC-incompatible--

Column 2, Line 17:
"non-imminosuppressed"

Page 3, Line 19:
--non-immunosuppressed--

Column 2, Line 56:
"Wekerie"

Page 4, Line 21:
--Wekerle--

Patent Reads:

Application Should Read:

Column 2, Line 62:
"in to"

Page 4, Line 26:
--into--

Patent Reads:

Application Reads:

Column 3, Line 8:
"involvedeither"

Page 5, Line 8:
--involved either--

Column 3, Line 9:
"eliminatin"

Page 5, Line 9:
--eliminating--

Patent Reads:

Application Should Read:

Column 3, Line 10:
"Sewiary"

Page 5, Line 9:
--Selawry--

Patent Reads:

Application Reads:

Column 3, Line 17:
"Serioli"

Page 5, Line 15:
--Sertoli--

Patent Reads:

Application Should Read:

Column 3, Line 34:
"secret"

Page 5, Line 30:
--secrete--

Patent Reads:

Column 3, Line 39:
"proteins. some of"

Column 3, Line 46:
"occurrinry"

Patent Reads:

Column 3, Line 57:
"(39) It"

Patent Reads:

Column 3, Line 59:
"receptors,. while"

Patent Reads:

Column 4, Line 6:
"ppealing"

Patent Reads:

Column 4, Line 7:
"Beligrau"

Column 4, Line 10:
"gid"

Column 4, Line 13:
"Pypress"

Column 4, Line 15:
"g/d"

Patent Reads:

Column 4, Line 21:
"subjacent the kidney"

Application Reads:

Page 6, Line 4:
--proteins, some of--

Page 6, Line 9:
--occurring--

Application Should Read:

Page 6, Line 18:
--(39). It--

Application Reads:

Page 6, Line 19:
--receptors, while--

Application Should Read:

Page 7, Line 3:
--appealing--

Application Reads:

Page 7, Line 4:
--Bellgrau--

Page 7, Line 6:
--gld--

Page 7, Line 9:
--express--

Page 7, Line 10:
--gld--

Application Should Read:

Page 7, Line 15:
--subjacent to the kidney--

Column 4, Line 25:
"Cyclosporin A"

Page 7, Line 18:
--Cyclosporine A--

Column 4, Line 30:
"muscles cells"

Page 7, Line 22:
--muscle cells--

Column 4, Line 45:
"FAS-L"

Page 8, Line 3:
--FasL--

Column 4, Line 51:
"tropic"

Page 8, Line 9:
--trophic--

Patent Reads:

Application Reads:

Column 4, Line 53:
"pig Sertoli cells"

See Amendment dated 01/07/02, page 2, line 5 of amended paragraph:
--pig islet cells--

Patent Reads:

Application Should Read:

Column 4, Line 54:
"place in culture"

Page 8, Lines 11-12:
--placed in culture--

Patent Reads:

Application Reads:

Column 5, Line 2:
"Cameron"

Page 8, Line 23:
--Cameron--

Patent Reads:

Application Should Read:

Column 5, Lines 57-58:
"it would useful"

Page 10, Line 10:
--it would be useful--

Patent Reads:

Application Reads:

Column 6, Line 21:
"information"

See Amendment dated 02/24/03, page 1, line 1:
--formation--

Patent Reads:

Application Should Read:

Column 6, Line 30:
"coculture"

See Amendment dated 02/24/03, page 2, line 2:
--co-culture--

Column 6, Line 34:
"immunostatining"

Patent Reads:

Column 6, Line 36:
"Fasl, by Sertoli"

Patent Reads:

Column 6, Line 53:
"(SNACS for"

Patent Reads:

Column 6, Line 54:
"neuros"

Column 6, Line 55:
"bioreactor and 1 week"

Patent Reads:

Column 6, Line 57:
"FIGS. 7A and 7B is a photograph"

Patent Reads:

Column 6, Line 59:
"(SNACS)"

Column 6, Line 66:
"transplanting"

Column 7, Lines 14-15:
"micro environment"

Column 8, Line 4:
"islar"

See Amendment dated 02/24/03, page 2, line 4:
--immunostaining--

Application Reads:

See Amendment dated 02/24/03, page 2, line 5:
--FasL by Sertoli--

Application Should Read:

See Amendment dated 02/24/03, page 2, line 12:
--(SNACs) for--

Application Reads:

See Amendment dated 02/24/03, page 2, line 13:
--neurons--

See Amendment dated 02/24/03, page 2, line 14:
--bioreactor (1 week--

Application Should Read:

See Amendment dated 02/24/03, page 2, line 17:
--FIGS. 7A and 7B are photographs--

Application Reads:

See Amendment dated 02/24/03, page 2, line 18:
--(SNACs)--

Page 12, Line 9:
--transplanting--

Page 12, Line 22:
--micro-environment--

Page 14, Line 8:
--is/are--

Patent Reads:

Column 8, Line 10:
“(FIGS. 1-3) The”

Patent Reads:

Column 8, Line 17:
“Islet, filled”

Column 8, Lines 18:
“(SNACS)”

Column 8, Line 20:
“Sertoli”

Column 8, Line 30:
“disease”

Column 8, Line 39:
“theirfunctional”

Column 8, Line 39:
“long-term”

Column 8, Line 56:
“Perbal, A”

Patent Reads:

Column 8, Line 59:
“Birren et al”

Column 9, Line 3:
“al,”

Column 9, Line 3:
“3822.)”

Application Should Read:

Page 14, Line 13:
“(FIGS. 1-3). The--

Application Reads:

Page 14, Lines 19-20:
“--Islet-filled--

Page 14, Line 21:
“--(SNACs)--

Page 14, Line 22:
“--Sertoli--

Page 14, Line 30:
“--disease.--

Page 15, Line 8:
“--their functional--

Page 15, Line 9:
“--long-term--

Page 15, Line 26:
“--Perbal, A--

Application Should Read:

Page 15, Line 28:
“--Birren et al.--

Page 16, Line 6:
“--al.,--

Page 16, Line 6:
“--3822).--

Column 9, Line 6:
"et al.(eds)"

Patent Reads:

Column 9, Line 8:
"Shuigi"

Column 9, Line 17:
"radioimrnunoassays"

Column 9, Line 20:
"3,850.752."

Column 9, Line 22:
"3,935.074"

Patent Reads:

Column 9, Lines 23-24:
"et al,"

Column 9, Line 25:
"1989"

Column 9, Line 42:
"parentally"

Column 9, Line 56:
"further evaluated this"

Column 9, Lines 63-64:
"et al,"

Patent Reads:

Column 9, Line 65:
"were. placed"

Page 16, Line 10:
--et al. (eds)--

Application Reads:

Page 16, Line 11:
--Shiigi--

Page 16, Line 19:
--radioimmunoassays--

Page 16, Line 22:
--3,850,752;--

Page 16, Line 23:
--3,935,074--

Application Should Read:

Page 16, Line 24:
--et al.,--

Page 16, Line 25:
--1989.--

Page 17, Line 11:
--parenterally--

Page 17, Line 24:
--further evaluate this--

Page 18, Line 2:
--et al.,--

Application Reads:

Page 18, Line 3:
--were placed--

Patent Reads:

Column 10, Line 1:
"HARV's"

Column 10, Line 5:
"Matrigel"

Column 10, Line 12:
"dipherrythiocarbazone"

Column 10, Line 13:
"FAS-L"

Column 10, Line 17:
"Matrigel"

Column 10, Line 19:
"SICAs In"

Column 10, Line 20:
"SICA's"

Column 10, Line 23:
"SICA's"

Column 10, Line 28:
"cells(SNACs)"

Patent Reads:

Column 10, Line 35:
"viability: (Sanberg)"

Patent Reads:

Column 10, Line 39:
"1132.)."

Application Should Read:

Page 18, Line 5:
--HARVs--

Page 18, Line 8:
--MATRIGEL--

Page 18, Line 14:
--diphenylthiocarbazone--

Page 18, Line 15:
--FasL--

Page 18, Line 18:
--MATRIGEL--

Page 18, Line 20:
--SICAs. In--

Page 18, Line 21:
--SICAs--

Page 18, Line 23:
--SICAs--

Page 18, Line 27:
--cells (SNACs)--

Application Reads:

Page 19, Line 4:
--viability (Sanberg--

Application Should Read:

Page 19, Line 7:
--1132).--

Column 10, Line 45:
"peripuberital"

Column 10, Line 47:
"Matrigel"

Patent Reads:

Column 10, Line 50:
"Senoli cells"

Patent Reads:

Column 11, Line 19:
"coculture"

Column 11, Line 20:
"Matrigel"

Column 11, Line 28:
"Matrigel"

Patent Reads:

Column 11, Line 29:
"iin the"

Patent Reads:

Column 11, Line 29:
"non-Matrigel"

Column 11, Line 30:
"Matrigel"

Column 11, Line 30:
"cocultures"

Page 19, Line 11:
--peripubertal--

Page 19, Line 13:
--MATRIGEL--

Application Reads:

Page 19, Line 16:
--Sertoli cells--

Application Should Read:

Page 20, Line 16:
--co-culture--

Page 20, Line 17:
--MATRIGEL--

Page 20, Line 23:
--MATRIGEL--

Application Reads:

Page 20, Line 24:
--in the--

Application Should Read:

Page 20, Line 24:
--non-MATRIGEL--

Page 20, Line 25:
--MATRIGEL--

Page 20, Line 25:
--co-cultures--

Column 11, Lines 32-33:
"coculture"

Page 20, Line 27:
--co-culture--

Column 11, Line 34:
"coculture"

Page 20, Line 28:
--co-culture--

Patent Reads:

Application Reads:

Column 11, Line 43:
"terminogoly"

Page 21, Line 9:
--terminology--

Column 12, Line 61:
"non-sertoli"

See Amendment dated 08/20/03, Claim 25, line 3:
--non-Sertoli--

Patent Reads:

Application Should Read:

Column 12, Line 65:
"according the claim"

See Amendment dated 08/20/03, Claim 26, line 1:
--according to claim--

Patent Reads:

Application Reads:

Column 13, Line 17:
"wall monolayer"

See Amendment dated 08/20/03, Claim 39, lines 2-3:
--wall comprises a monolayer--

Column 13, Line 35:
"carricd"

See Amendment dated 08/20/03, Claim 41, line 2:
--carried--

Column 13, Line 44:
"between, adjacent"

See Amendment dated 08/20/03, Claim 48, line 2:
--between adjacent--

Column 14, Line 6:
"containedj"

See Amendment dated 08/20/03, Claim 50, line 3:
--contained--

Column 14, Line 20:
"makings"

See Amendment dated 08/20/03, Claim 56, line 2:
--making--

Column 14, Line 22:
"sufficient"

See Amendment dated 08/20/03, Claim 56, line 4:
--sufficient--

The Commissioner is authorized to charge the fee of \$100.00 for the amendment to Deposit Account No. 19-0065. The Commissioner is also authorized to charge any additional fees as required under 37 CFR 1.20(a) to Deposit Account No. 19-0065. Two copies of this letter are enclosed for Deposit Account authorization.

Approval of the Certificate of Correction is respectfully requested.

Respectfully submitted,



Glenn P. Ladwig
Patent Attorney

Registration No. 46,853

Phone No.: 352-375-8100

Fax No.: 352-372-5800

Address: P.O. Box 142950
Gainesville, FL 32614-2950

GPL/mv

Attachments: Certificate of Correction in duplicate
Two copies of this letter

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

Page 1 of 15

PATENT NO. : 6,790,441
DATED : September 14, 2004
INVENTORS : Don F. Cameron, Paul R. Sanberg, Samuel Saporta, Joelle J. Hushen

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Abstract (57)

Line 6, "facilitator celes" should read --facilitator cells--.

Column 1

Line 9, "inventions" should read --invention--.

Line 18, "prefened" should read --preferred--.

Line 19, "the. administration" should read --the administration--.

Line 25, "neurodegenetative" should read --neurodegenerative--.

Line 27, "Lindvall et al," should read --Lindvall et al.,--.

Line 28, "Freeman et al," should read --Freeman et al.,--.

MAILING ADDRESS OF SENDER:
Saliwanchik, Lloyd & Saliwanchik
P.O. Box 142950
Gainesville, FL 32614-2950



PATENT NO. 6,790,441
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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

Page 2 of 15

PATENT NO. : 6,790,441
DATED : September 14, 2004
INVENTORS : Don F. Cameron, Paul R. Sanberg, Samuel Saporta, Joelle J. Hushen

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1

Line 33, "Wictorin et al," should read --Wictorin et al.--.

Line 38, "Sanberg et, al 1994" should read --Sanberg et al., 1994--.

Line 38, "viabie" should read --viable--.

Line 39, "inclcude" should read --include--.

Line 61, "immunosuppfession" should read --immunosuppression--.

Column 2

Line 2, "(MHC) In the" should read --(MHC) in the--

Line 5, "diabeiiic" should read --diabetic--.

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PATENT NO. 6,790,441

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

Page 3 of 15

PATENT NO. : 6,790,441
DATED : September 14, 2004
INVENTORS : Don F. Cameron, Paul R. Sanberg, Samuel Saporta, Joelle J. Hushen

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 2

Line 6, "MHC-incompatibie" should read --MHC-incompatible--.

Line 17, "non-imminosuppressed" should read --non-immunosuppressed--.

Line 56, "Wekerie" should read --Wekerle--.

Line 62, "in to" should read --into--.

Column 3

Line 8, "involvedeither" should read --involved either--.

Line 9, "eliminatin" should read --eliminating--.

Line 10, "Sewiary" should read --Selawry--.

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

Page 4 of 15

PATENT NO. : 6,790,441
DATED : September 14, 2004
INVENTORS : Don F. Cameron, Paul R. Sanberg, Samuel Saporta, Joelle J. Hushen

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 3

Line 17, "Serioli" should read --Sertoli--.

Line 34, "secret" should read --secrete--.

Line 39, "proteins. some of" should read --proteins, some of--.

Line 46, "occurrinry" should read --occurring--.

Line 57, "(39) It" should read --(39). It--.

Line 59, "receptors,. while" should read --receptors, while--.

Column 4

Line 6, "ppealing" should read --appealing--.

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PATENT NO. 6,790,441

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

Page 5 of 15

PATENT NO. : 6,790,441
DATED : September 14, 2004
INVENTORS : Don F. Cameron, Paul R. Sanberg, Samuel Saporta, Joelle J. Hushen

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 4

Line 7, "Beligrau" should read --Bellgrau--.

Line 10, "gid" should read --gld--.

Line 13, "Pypress" should read --express--.

Line 15, "g/d" should read --gld--.

Line 21, "subjacent the kidney" should read --subjacent to the kidney--.

Line 25, "Cyclosporin A" should read --Cyclosporine A--.

Line 30, "muscles cells" should read --muscle cells--.

Line 45, "FAS-L" should read --FasL--.

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

Page 6 of 15

PATENT NO. : 6,790,441
DATED : September 14, 2004
INVENTORS : Don F. Cameron, Paul R. Sanberg, Samuel Saporta, Joelle J. Hushen

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 4

Line 51, "tropic" should read --trophic--.

Line 53, "pig Sertoli cells" should read --pig islet cells--.

Line 54, "place in culture" should read --placed in culture--.

Column 5

Line 2, "Carneron" should read --Cameron--.

Lines 57-58, "it would useful" should read --it would be useful--.

Column 6

Line 21, "information" should read --formation--.

Line 30, "coculture" should read --co-culture--.

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

Page 7 of 15

PATENT NO. : 6,790,441
DATED : September 14, 2004
INVENTORS : Don F. Cameron, Paul R. Sanberg, Samuel Saporta, Joelle J. Hushen

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 6

Line 34, "immunostatining" should read --immunostaining--.

Line 36, "Fasl, by Sertoli" should read --FasL by Sertoli--.

Line 53, "(SNACS for" should read --(SNACs) for--.

Line 54, "neuros" should read --neurons--.

Line 55, "bioreactor and 1 week" should read --bioreactor (1 week--.

Line 57, "FIGS. 7A and 7B is a photograph" should read --FIGS. 7A and 7B are
photographs--.

Line 59, "(SNACS)" should read --(SNACs)--.

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

Page 8 of 15

PATENT NO. : 6,790,441
DATED : September 14, 2004
INVENTORS : Don F. Cameron, Paul R. Sanberg, Samuel Saporta, Joelle J. Hushen

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 6

Line 66, "transplating" should read --transplanting--.

Column 7

Lines 14-15, "micro environment" should read --micro-environment--.

Column 8

Line 4, "islar" should read --is/are--.

Line 10, "(FIGS. 1-3) The" should read --(FIGS. 1-3). The--.

Line 17, "Islet, filled" should read --Islet-filled--.

Line 18, "(SNACS)" should read --(SNACs)--.

Line 20, "Settoli" should read --Sertoli--.

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PATENT NO. 6,790,441

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

Page 9 of 15

PATENT NO. : 6,790,441
DATED : September 14, 2004
INVENTORS : Don F. Cameron, Paul R. Sanberg, Samuel Saporta, Joelle J. Hushen

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 8

Line 30, "disease" should read --disease--.

Line 39, "theirfunctional" should read --their functional--.

Line 39, "lona-term" should read --long-term--.

Line 56, "Perbal,: A" should read --Perbal, A--.

Line 59, "Birren et al" should read --Birren et al.--.

Column 9

Line 3, "al," should read --al.,--.

Line 3, "3822.)" should read --3822).--.

MAILING ADDRESS OF SENDER:
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Gainesville, FL 32614-2950



PATENT NO. 6,790,441

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

Page 10 of 15

PATENT NO. : 6,790,441
DATED : September 14, 2004
INVENTORS : Don F. Cameron, Paul R. Sanberg, Samuel Saporta, Joelle J. Hushen

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 9

Line 6, "et al.(eds)" should read --et al. (eds)--.

Line 8, "Shuigi" should read --Shiigi--.

Line 17, "radioimrnunoassays" should read --radioimmunoassays--.

Line 20, "3,850.752." should read --3,850,752;--.

Line 22, "3,935.074" should read --3,935,074--.

Lines 23-24, "et al," should read --et al.,--.

Line 25, "1989" should read --1989.--.

Line 42, "parentally" should read --parenterally--.

MAILING ADDRESS OF SENDER:
Saliwanchik, Lloyd & Saliwanchik
P.O. Box 142950
Gainesville, FL 32614-2950



PATENT NO. 6,790,441

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

Page 11 of 15

PATENT NO. : 6,790,441
DATED : September 14, 2004
INVENTORS : Don F. Cameron, Paul R. Sanberg, Samuel Saporta, Joelle J. Hushen

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 9

Line 56, "further evaluated this" should read --further evaluate this--.

Lines 63-64, "et al," should read --et al.,--.

Line 65, "were. placed" should read --were placed--.

Column 10

Line 1, "HARV's" should read --HARVs--.

Line 5, "Matrigel" should read --MATRIGEL--.

Line 12, "dipherrylthiocarbazone" should read --diphenylthiocarbazone--.

Line 13, "FAS-L" should read --FasL--.

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PATENT NO. 6,790,441

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CERTIFICATE OF CORRECTION

Page 12 of 15

PATENT NO. : 6,790,441
DATED : September 14, 2004
INVENTORS : Don F. Cameron, Paul R. Sanberg, Samuel Saporta, Joelle J. Hushen

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 10

Line 17, "Matrigel" should read --MATRIGEL--.

Line 19, "SICAs In" should read --SICAs. In--.

Line 20, "SICA's" should read --SICAs--.

Line 23, "SICA's" should read --SICAs--.

Line 28, "cells(SNACs)" should read --cells (SNACs)--.

Line 35, "viability: (Sanberg)" should read --viability (Sanberg--.

Line 39, "1132.)." should read --1132).--.

Line 45, "peripuberital" should read --peripubertal--.

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DATED : September 14, 2004
INVENTORS : Don F. Cameron, Paul R. Sanberg, Samuel Saporta, Joelle J. Hushen

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 10

Line 47, "Matrigel" should read --MATRIGEL--.

Line 50, "Senoli cells" should read --Sertoli cells--.

Column 11

Line 19, "coculture" should read --co-culture--.

Line 20, "Matrigel" should read --MATRIGEL--.

Line 28, "Matrigel" should read --MATRIGEL--.

Line 29, "iin the" should read --in the--.

Line 29, "non-Matrigel" should read --non-MATRIGEL--.

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PATENT NO. : 6,790,441
DATED : September 14, 2004
INVENTORS : Don F. Cameron, Paul R. Sanberg, Samuel Saporta, Joelle J. Hushen

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 11

Line 30, "Matrigel" should read --MATRIGEL--.

Line 30, "cocultures" should read --co-cultures--.

Lines 32-33, "coculture" should read --co-culture--.

Line 34, "coculture" should read --co-culture--.

Line 43, "terminogoly" should read --terminology--.

Column 12

Line 61, "non-sertoli" should read --non-Sertoli--.

Line 65, "according the claim" should read --according to claim--.

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PATENT NO. : 6,790,441
DATED : September 14, 2004
INVENTORS : Don F. Cameron, Paul R. Sanberg, Samuel Saporta, Joelle J. Hushen

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 13

Line 17, "wall monolayer" should read --wall comprises a monolayer--.

Line 35, "carricd" should read --carried--.

Line 44, "between, adjacent" should read --between adjacent--.

Column 14

Line 6, "containedj" should read --contained--.

Line 20, "makings" should read --making--.

Line 22, "sufficicnt" should read --sufficient--.

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